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NBS1/NBN Rabbit pAb

Catalog No.: A0782

Basic Information

Observed MW
105kDa

Calculated MW
85kDa

Category
Primary antibody

Applications
WB,FC

Cross-Reactivity
Human

Background

Mutations in this gene are associated with Nijmegen breakage syndrome, an autosomal recessive chromosomal instability syndrome characterized by microcephaly, growth retardation, immunodeficiency, and cancer predisposition. The encoded protein is a member of the MRE11/RAD50 double-strand break repair complex which consists of 5 proteins. This gene product is thought to be involved in DNA double-strand break repair and DNA damage-induced checkpoint activation.

Recommended Dilutions

WB	1:500 - 1:1000
FC	1:20 - 1:50

Immunogen Information

Gene ID
4683

Swiss Prot
O60934

Immunogen
A synthetic peptide of human NBS1/NBS1/NBN

Synonyms
ATV; NBS; P95; NBS1; AT-V1; AT-V2; NBS1/NBN

Contact

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Product Information

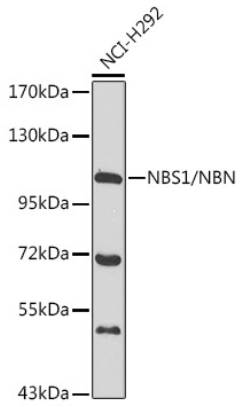
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 4℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,pH7.3.

Validation Data



Western blot analysis of extracts of NCI-H292 cells, using NBS1/NBS1/NBN antibody (A0782).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.